

Hill, Michael

From: Hill, Michael
Sent: Monday, January 24, 2011 2:51 PM
To: JAWORSKI, MARK
Cc: HAUER, GABRIELE
Subject: Gary Development Landfill Wetland Frontage Measurement for HRS Documentation Record
Attachments: Wetland Frontage Measurement Gary Development Landfill.doc

Mark:

I have documented the measurement method for the Wetland Frontage for Gary Development Landfill. The Microsoft Word Document is attached to this e-mail. This documentation refers to Figure 1-3, "Wetland Frontage Map", of the Gary Development Landfill Hazardous Ranking System (HRS) Documentation Record.

Sincerely,

Mike

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Gary Development Landfill Site
Measurement Method for Wetland Frontage

- **Measurement Method:**

Using GIS software, ESRI® ArcMap™ 9.3 (Build 1850) with License Type: ArcView, the distance between three sample locations and the Probable Point of Entry (PPE) for Gary Development Landfill was measured using ArcMap. The Measure tool (Line Measurement option) was used in ArcMap to measure the respective segments between points.

The different segments measured as follows:

PPE to E2QS2: 169.92 feet

E2QS2 to ME2QR9 / ME2QS0: 91.81 feet

ME2QR9 / ME2QS0 to ME2QR3: 84.70 feet

ME2QR3 to PPE: 185.89 feet

Total Measured Wetland Frontage: 532.32 feet

- **Reference Datum:**

- Datum: D_North_American_1983
- Geographic Coordinate System: GCS_North_American_1983
- Prime Meridian: Greenwich
- Angular Unit: Degree

- **Source Map Scale:**

- 1:400

- **Point / Line / Area:**

- Line(s)

- **Data Collection Date:**

- 5-25-2010